

ENDO-MATE TC2 Reduction Heads



- 16 : 1** MODEL **MP-F16R** ORDER CODE **Y110096**
10 : 1 MODEL **MP-F10R** ORDER CODE **Y110048**
20 : 1 MODEL **MP-F20R** ORDER CODE **Y110044**

- For Ni-Ti files (ø2.35)
- Miniature Head
- Push Button Chuck



- 16 : 1** MODEL **MPA-F16R** ORDER CODE **Y110097**

- Connection for Apex locator
- For long shank Ni-Ti files (ø2.35)
- Miniature Head • Push Button Chuck



- 16 : 1** MODEL **MPAS-F16R** ORDER CODE **Y110098**

- Connection for Apex locator
- For short shank Ni-Ti files (ø2.35)
- Miniature Head • Push Button Chuck

ENDO-MATE TC2 Complete Sets

ENDO-MATE TC2 Complete Sets

- MODEL **ENDO-MATE TC2 (120V)** ORDER CODE **Y1001036**
 MODEL **ENDO-MATE TC2 (230V)** ORDER CODE **Y1001027**

- Contents : • **MP-F16R Head** • **ENDO-MATE TC2 Motor**
 • **Battery Charger**

ENDO-MATE TC2 Complete MPA Set

- MODEL **ENDO-MATE TC2 MPA (230V)** ORDER CODE **Y1001028**

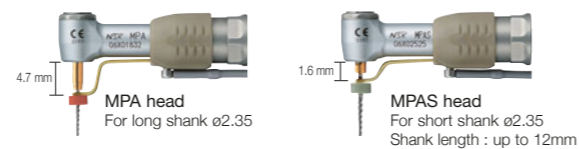
- Contents : • **MPA-F16R Head** • **ENDO-MATE TC2 Motor**
 • **Battery Charger**



Apex Locator Capability

MPA and MPAS heads are equipped with built in probe ring which enable to use your Apex locator with the ENDO-MATE TC2 system. By combining an Apex Locator with NSK ENDO-MATE TC2, clinicians will be able to perform more accurate root canal preparations. All contra angle heads are autoclavable up to 135°C.

2 types of file holders are available relevant to the shank length of the file selected.



Connect to iPex, the canal depth can be measured.



ENDO-MATE TC2 Motor



- MODEL **ENDO-MATE TC2 Motor** ORDER CODE **E346**

- Motor Speed : 2,000~9,000 min⁻¹
- Torque Control • Auto Reverse

Parts

- MODEL **Ni-MH Rechargeable Battery** ORDER CODE **Y900103**

- Pack of 2

*Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride).
 Never attempt to use a non rechargeable battery.



The heads can be washed in the thermosinfector

The heads are autoclavable up to 135°C



ENDO-MATE TC2

smarter and safer



NAKANISHI INC. www.nsk-inc.com 700 Shimohinata Kanuma-shi Tochigi 322-8666, Japan TEL : +81 (0)289-64-3380 FAX : +81 (0)289-62-5636	NSK Europe GmbH www.nsk-europe.de Elly-Beinhorn-Strasse 8 65760 Eschborn, Germany TEL : +49 (0)6196 77606-0 FAX : +49 (0)6196 77606-29	NSK United Kingdom Ltd www.nsk-uk.com Office 5, Gateway1000, Arlington Business Park, Whittle Way, Stevenage, SG1 2FP, UK TEL : +44 (0)1438 310670 FAX : +44 (0)1438 310671	NSK Oceania Pty Ltd www.nsk-inc.com Unit 22, 198-222 Young St. Waterloo, Sydney, NSW 2017, Australia TEL : +61 (0)2 8306 3000 FAX : +61 (0)2 8306 3030	NSK Dental LLC www.nskdental.com 1800 Global Parkway Hoffman Estates, IL 60192-1578, USA TEL : +1 888 675 1675 FAX : +1 800 838 9328	NSK Middle East www.nsk-inc.com Room 6EA-701, 7th Floor, East Wing No.6 Dubai Airport Free Zone, PO Box 54316 Dubai, UAE TEL : +971 (0)4-204-5507 FAX : +971 (0)4-204-5508	NSK Asia www.nsk-inc.com 1 Maritime Square, #09-33 HarbourFront Centre, Singapore 099253 TEL : +65-6376-5018 FAX : +65-6376-0233
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Specifications are subject to change without notice.

PR-D435E Ver.2 12.05.015.HG



Powerful Partners®

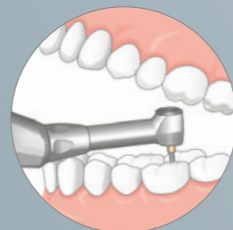
ENDO-MATE TC2

Work Smarter and Safer with Freedom of Movement

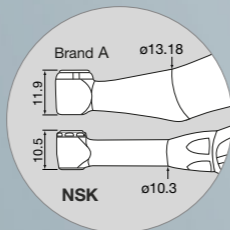
A large LCD, simple 5-key operation and a lightweight, cordless handpiece assure easy use even during the most delicate endodontic procedures. The Auto Reverse & Alarm Function alerts you with an audible sound to let you know that the load is about to reach the preset torque level allowing you to unload the file even before the Auto Reverse is setting in. 5 programs for different file systems. TC2 supports most major brands of Ni-Ti files.

Slim for clearer sight

- Miniature head allows access even to the most difficult to reach areas
- Slim neck assures higher visibility



▲ Clinical image

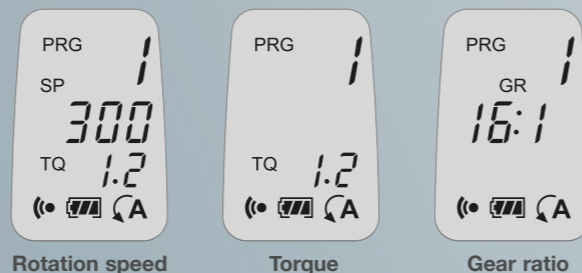


▲ Size comparison

Speedy for efficient treatment

- User definable 5 presets – Speed, Torque, Gear Ratio & Auto Reverse mode
- Last program settings can be memorized when the power turns on

Program Setting Panel



Rotation speed Torque Gear ratio

Suitable for use with most major brands of Ni-Ti files

Selecting gear ratio attachment applies the entire rotation and torque.

Rotation Speed (min ⁻¹)	Gear Ratio	Torque Level (Ncm)
200 ~ 900	10 : 1	0.2 ~ 2.2
140 ~ 550	16 : 1	0.3 ~ 3.0
100 ~ 450	20 : 1	0.4 ~ 4.0

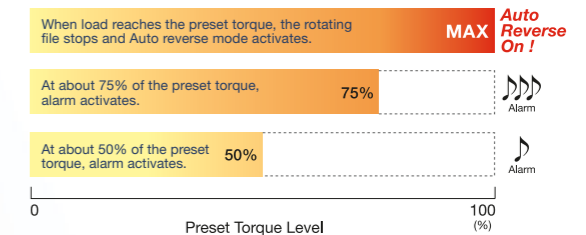
Safety for delicate endodontic treatment

- Smart Auto Reverse & Alarm Function for safer endodontic procedures
- The feedback circuit keeps stable rotation even when the load on the motor handpiece changes
- Power turns off automatically to improve safety and save energy
- Calibration function for more precise rotation speed and torque setting

*This function cannot completely absorb the individual difference of the actual motor handpiece and contra-angle.

Two kinds of alarm sound for safer and efficient treatment

Alarm enables operators to prevent to put too much burden on files, realizing less metal fatigue.



Large LCD Panel and Access-friendly Key

Good user interface design

- Ⓢ **Select Key**
To change Speed, Torque and Gear Ratio setting
- Ⓟ **Program Key**
Up to 5 following parameters can be set : Speed, Torque, Gear Ratio and Auto Reverse setting
- ⬆️ **Up / Down Key**
To adjust the set value for each parameter
- Ⓜ️ **Power Key**

Stress free for more comfort

- Cordless handpiece delivers freedom of movement
- Lightweight, ergonomic design

Non-contact Type

90min. quick charge and prevents improper charging due to deterioration of metallic terminal.